

# CITY OF LAFAYETTE

## W E T   W E A T H E R   P R O G R A M

### South 30th Street Drainage Improvements

In Lafayette, the South 30<sup>th</sup> Street area was developed for industries such as trucking and manufacturing. This area is highly developed with a great deal of pavement, and when it rains or snows, stormwater runoff from rooftops and pavement floods the area. To resolve this drainage problem, the City of Lafayette is planning to expand the storm sewer along South 30<sup>th</sup> Street.

A proposed 54-inch sewer pipe will begin at Elliott Ditch and run from Brady Lane to South Beck Lane just west of Rea Magnet Wire Company. To the west of the building, the city is considering installing a wetland that would filter pollutants from the water and temporarily store it during and after wet weather. Located adjacent to Miami Elementary School, the wetland also may provide an opportunity for students and the general public to learn about natural stormwater Best Management Practices (BMPs) and enjoy a naturalized area including native plants.

### Sewer and Wetland to Alleviate Flooding

From the wetland, the stormwater will be transported in a storm sewer pipe to South 30<sup>th</sup> and Summer streets, and outlet into a detention pond, which will store excess stormwater during and after wet weather.

From Summer Street to Teal Road, a new 36-inch storm sewer pipe will be constructed. Manholes and storm drains also will be installed along the sewer route, and pavement will be replaced as needed.

The South 30<sup>th</sup> Street Drainage Improvements project is part of Lafayette's capital improvement program to improve the water quality of the Wabash River and other local streams and to address poor drainage conditions. The projects will reduce flooding and satisfy the requirements of the U.S. Environmental Protection Agency and the Indiana Department of Environmental Management.

### Highlights

**Project:** Drainage and water quality improvements

**Estimated Project Cost:** \$4,371,000

**Status:** Planning

**Project Benefits:**

- Reduced street and yard flooding
- Improved water quality in stormwater runoff to the Wabash River
- Reduced pollutants in local waterways
- Educational opportunities for students and the general public
- Resurfaced streets
- Compliance with state and federal regulations

